



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: December 10, 2001

To: Jan Robbins

From: Pam Arnold 

Subject: WEEKLY STATUS MEETING DOE/LRA for December 10, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

R. Ahlstrand
J. Floerke
D. Foss
K. Kunert
M. McGrory
W. Moe
D. Onyskiw
G. Tasset

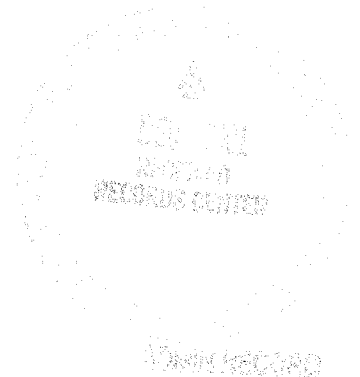
In addition to the attached status, the following was discussed:

1. Will walkdown Set 24, North Side, Raschig Rings, and Cerium Decontamination on Set 5 with DOE on 12/12/01. This preliminary walkdown will be conducted to look at the area and review the verbiage in PWA in order to flush out any issues for closure of the PWA's.

End

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

371/4 Project
WEEKLY STATUS MEETING DOE/LRA for November 12, 2001



B371-A-000068

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

December 10, 2001

AGENDA

INTRODUCTION — *Pam Arnold, X6035, Pager 303-212-4835*

D&D

Presenters — *Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Special Projects
 - *Cerium Nitrate*
 - *MAA/PA Closure*
- B374 Deactivation

Presenter — *Jim Floerke, X2850, Pager 303-212-329*

- Special Projects
 - *Cleanup*
 - *Breathing Air*
- Sets 7, 24, and Status

ENVIRONMENTAL — *Pam Arnold, X6035, Pager 303-212-4835*

AUTHORIZATION BASIS/BIO — *John Almon x3217, Pager 303-212-3426*

D&D Summary (AAC)

Week Ending 12/6/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- Completed draining the B771 bottles.
- Set 2B (rebaselined Set 6) has been assigned a technical lead to develop a new work strategy. Items under consideration include: (1AQ31DR02B)
 - Previous surveys from Room 3559 indicate the probable use of air-supplying respirators for the draining evolution.
 - Reviews on the configuration of Rm 3559 show that some drain points would not be accessible in a PremAire suit.
 - The current wooden scaffolding has been modified to meet OSHA code requirements and could be used to drain some of the non-actinide lines and tank isolation, however, the scaffolding would have to be removed to access other drain points.
 - It is anticipated that piping and tanks will have to be removed to provide access to drain points throughout the room.
 - IH&S will work with Radiological Engineering to identify substitute PPE to the Level B suit to address the need to use personal fall arrest systems.
 - Replacing the current submarine door with a full size door is being investigated.
 - Replacement of the current plastic containment house with a reconfigured Permacon to provide access to a SWB would be required.
 - Raschig rings would be removed using the vacuum process.
 - Removal of the tanks would be accomplished either by in situ size reduction or moving tanks whole.

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) TMR vacuum system procurement may be cancelled. The commercial HEPA filtered vacuum completed removal of rings from seven tanks. Two tanks meet SCO shipping requirements and the remaining six are likely to meet SCO requirements. (1AC105ET00)
- Set 3 (3517) line isolations are in progress and planned to complete 12/14. (1AC103AT00)
- Set 4 cerium decon and D&D ready package returned to Planning to modify ALARA review process. (1AD104AH00)
- Set 3 cerium decon and D&D ready package returned to Planning to modify ALARA review process.
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are in Planning to modify ALARA review process. The 2307 line isolation package is ready to work; the 2317 line isolation package needs three signatures to be complete. The work package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) is being rescheduled.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- No GB deactivation is scheduled at this time.
- Investigating use of cerium to decontaminate gloveboxes.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The GB 69 crate drop will be cancelled.
- Demonstration of the I/O 8 mechanical system is expected this week.. The XYZ traverse mockup will be tested but not installed. (1AC109AD01)
- Pursuing path to combine residues with pallets in standard waste boxes for shipment as TRU. Preliminary engineering walkdown was conducted 11/14; an additional walkdown was conducted 11/29.
- I/O 8 modification package is on hold; needs NCR for transfer tunnel modification (eliminates need for crate drop and XYZ traverse).
- The guillotine door switch relocation is 75% complete and may no longer be needed. An ECR is required for re-relocation.
- I/O 8 drain line installation package sent for Nuclear Safety Screen is due 12/10.
- Proposed strategy requires removal of four Set 12 gloveboxes from Room 1111 to provide space for pallet disposal operations at I/O 8.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The MAA/PA closure plan draft is 75% complete. (AC11PNM20)
- Copy of the proposed MAA/PA Closure Plan's Table of Contents provided as handout

B374 Deactivation

- Flushing process waste water lines – Work Control Documents in preparation.
- Sludge removal Solicitation for 231B has been made expect sub-contractor response this week.
- Cessation of operations - Planned for March 2002.
- Transition to decommissioning - Planned for March/April 2002.

D&D Summary (AAD)

Week Ending 12/6/01

Special Projects

Northside Cleanup:

- Clean up and hauling of demolition debris is complete.
- Concrete demolition is complete.
- Demolition of both KOH tanks was completed following removal of asbestos and repairs to equipment.
- Backfill of the product water tank containment and the old cooling tower basin is complete.
- Walkdown planned for this week.

Breathing Air Modification:

- Engineering Changes were delivered to KH Construction process to allow continuation of the Breathing Air Modification. Material was mobilized into the building. LO/TO was performed to allow removal of the existing BA compressors, piping and electrical components.

Back up 1/31/02

Cold Area D&D:

- Engineering began to identify, isolate and perform D&D of the B381 fluorine building and rooms 3179, 4101, 4103 and 4104. Comments on the engineering package for demolition of the UGST were provided to Engineering. Planning will commence when engineering packages are available.

Set 7: Dismantlement

KH Scheduled Finish: 10/01/02

Targeted Early Finish: 07/31/02

SV: +66 day

- Electrical Isolation IWCP is complete; started electrical dismantlement.
- Draining of low points in piping prior to Mechanical Isolation is complete.
- Ancillary equipment mechanical isolation IWCP started.

Set 21: Dismantlement

- Work will begin to remove the saltcrete system from room 3809 as soon as the package has final signatures. The work package was modified to remove rinsing from the pre-requisite section and was submitted to PRC for review on 11/26. ?
- Radiological surveys were performed last week .

Set 24: Dismantlement

KH Scheduled Finish: 9/25/01

Targeted Early Finish: 11/20/01

SV: -36 days

Mechanical stripout and glovebox removal operations continued last week; three gloveboxes removed

Set 14: Dismantlement

Scoping, characterization, and work package identification in progress.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
3		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5		Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from Tanks D134B, D134C, and D289A, and D289B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7		Container Storage – Room	371.1A	3301	
		Mixed Residue Tank – Ancillary Equipment only	N/A	3303	
		Container Storage – Room	371.1A	3305	
		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
		Mixed Residue Tank - Ancillary Equipment only	N/A	3305	

Continued to next page

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
7		Container Storage – Room	371.1A	3315	
		GB Storage - GB#32	371.1B	3315	
12		CWTS: GB 2401	371.3A	1105	
		CWTS: GB 2402, 2403	371.3A	1103	
		CWTS: GB 18, 23, 2404	371.3A	1115	
		CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
		Master process control and alarm panel	N/A	1113	
		Container Storage – Room	90.14	1111	Not currently in Permit – to be closed
		Container Storage - Room	90.19	1115	Not currently in Permit – to be closed
		Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
		Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
		Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
		Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
		Tanks: D-293A & B	MRT	1127	
AB		Container Storage - Room	371.1A	1103	
AB		Vault Container Storage	371.1C	1101	
		Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
		Pumps P-140, P-141A, P-141B	IE: 0113	1115	
		Pumps P-181 and P-182	IE: 0114	1117	
		Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
13		Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage – Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
19		Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19		Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24	GB Storage - GB's 72B and 72C	371.1B	3408	
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/4807	

Basis for Interim Operations (BIO)

Week Ending 12/06/01

D&D Support

- Out-of-commission
 - Developing USQDs for placing dismantlement sets out-of-commission

PuSPS Page Changes

- More than one defective 3013 outside vault for work
 - Approved by DOE on 11/23/01 ^W
 - Implementation scheduled for 12/18/01
- Process less than 80% Pu oxides
 - Scheduled to be submitted to DOE 01/10/02

Operations Page Changes

- Criticality alarm testing
 - Drafting strategy to review with Operations
- Page change to incorporate all JCOs
 - Planning stage
- POCs on dock
 - Approved by DOE on 11/23/01
 - Implementation scheduled for 12/14/01
- Residue Product Carts
 - To allow containers packed for WIPP (200 g or less/container)
 - Scheduled to be submitted to DOE 12/14/01

Other Page Changes

- Support of consolidation of HSP Fire Protection procedures
 - Approved by DOE 11/23/01
 - Implementation to be coordinated with implementation Site Fire Protection Program Manual
- BIO update to incorporate USQDs not needing DOE approval
 - Completed